

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR
D.E.Exploration, Inc.

DATE
06/15/99

ADDRESS
618 Main, PO Box 128

CITY
Wellsville

STATE
KS

ZIP CODE
66092

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE
Belton Unit- Abbey Dunlap

WELL NUMBER
AD-29

ELEVATION (GROUND)
Survey later.

WELL LOCATION
(GIVE FOOTAGE FROM SECTION LINE)
1980 FT. FROM (N)(S) SECTION LINE 660 FEET FROM (E)(W) SECTION LINE

WELL LOCATION
SECTION TOWNSHIP RANGE COUNTY
SE 1/4 09 46N 33W Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 660 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 220 FEET

PROPOSED DEPTH
650'

DRILLING CONTRACTOR, NAME AND ADDRESS
Hughes Drilling Co

ROTARY OR CABLE TOOLS
Rotary

APPROX. DATE WORK WILL START
06/18/99

NUMBER OF ACRES IN LEASE
560

NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 28

NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?
NAME Western Engineering/Dave Stallings
ADDRESS

NO. OF WELLS: PRODUCING 20
INJECTION 7
INACTIVE 15
ABANDONED 0

STATUS OF BOND
☐ SINGLE WELL AMOUNT \$
☒ BLANKET BOND AMOUNT \$20,000.00
☒ ON FILE
☐ ATTACHED

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
650'	4.5		650'	650'	4 1/2"	-	To surface

I, the undersigned, state that I am the President of the D.E.Exploration, Inc. (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE
Douglas G. ...
DATE
06-15-99

PERMIT NUMBER
20674

APPROVAL DATE
6/17/99

APPROVED BY
Jane ...

☒ DRILLER'S LOG REQUIRED ☒ E-LOGS REQUIRED IF RUN
☒ CORE ANALYSIS REQUIRED IF RUN ☒ DRILL STEM TEST INFO REQUIRED IF RUN
☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIRED
☐ WATER SAMPLES REQUIRED AT

NOTE THIS PERMIT NOT TRANSFERABLE TO ANOTHER PERSON OR TO ANY OTHER LOCATION



APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE DATE



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

OWNER D.E.Exploration, Inc.		COUNTY Cass	
LEASE NAME Belton Unit-Abbey Dunlap		TWP 46 N. RANGE 33W	
1980 FEET FROM S SECTION LINE AND 660 FEET FROM E SECTION LINE OF SEC. 09		TWP 46 N. RANGE 33W	
<div style="text-align: center;">  SCALE 1 square=440'</div>		AD-29	
REMARKS 			
INSTRUCTIONS On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.		This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat. <div style="text-align: right;">(SEAL)</div>	
REMIT TWO (2) COPIES TO: MISSOURI OIL AND GAS COUNCIL P.O. BOX 250, ROLLA, MO 65401		REGISTERED LAND SURVEYOR NUMBER	

RECEIVED



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

APR 17 2000

Form OGC-5

MO Oil & Gas Council

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER D.E. Exploration, Inc.		ADDRESS PO Box 128 Wellsville, KS 66092	
LEASE NAME Belton Unit		WELL NUMBER AD-29	
LOCATION 1980ft. from S. line.-660ft. from E. line		SEC. TWP. AND RANGE OR BLOCK AND SURVEY SE $\frac{1}{4}$ 09, 46N, 33W	
COUNTY Cass	PERMIT NUMBER (OGC-3 OR OGC-31) 20674		
DATE SPUDDED 06/18/99	DATE TOTAL DEPTH REACHED 07/07/99	DATE COMPLETED READY TO PRODUCE OR INJECT 04/01/00	ELEVATION (OF, RKR, RT, OR Gr.) FEET
TOTAL DEPTH 637 ft.	PLUG BACK TOTAL DEPTH NA		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION producing		ROTARY TOOLS USED (INTERVAL) top TO bottom	CABLE TOOLS USED (INTERVAL)
WAS THIS WELL DIRECTIONALLY DRILLED? no	WAS DIRECTIONAL SURVEY MADE?	WAS COPY OF DIRECTIONAL SURVEY FILED? freshwater	DATE FILED
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Gamma Ray			DATE FILED

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
surface	8 5/8	12"		21.10	4 sks	
prod.	6 1/4	4 1/2		629.15	115sks	

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
NA IN.	NA FEET	NA FEET	NA INCH	NA FEET	NA FEET	NA	NA FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3 1/8JTX	599-572		
2	3 1/8JTX	576-583	20/40/frac sand	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION 04/01/00		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP) producing				
DATE OF TEST NA	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbbls	GAS PRODUCED DURING TEST MCF	WATER PRODUCED DURING TEST bbbls	OIL GRAVITY API/CORR
TUBING PRESSURE 50#	CASING PRESSURE 100#	CALCULATED RATE OF PRODUCTION PER 24 HOURS 4	OIL 2 bbbls	GAS MCF	WATER 2 bbbls	GAS OIL RATIO

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)
held in with back pressure valve

METHOD OF DISPOSAL OF MUD PIT CONTENTS
air dried-backhoe filled

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE President OF THE D.E. Exploration, Inc. COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DATE 04-06-00 SIGNATURE Douglas G. Tran Pres.

CONTRACTOR

6/18/99-7/7/99

RECEIVED

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

APR 17 2000

D. E. Exploration
P. O. Box 128

LOG MO Oil & Gas Council
Belton Unit
Well #AD-29

Wellsville, Kansas 66092

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	8	Lime	441
4	Clay	6	5	Shale	446
32	Lime	38	6	Lt. Brown Sand (Little bleeding oil)	452
29	Shale	67		(Solid 446-448)	
11	Lime	78	10	Shale	462
5	Shale	83	5	Lime	467
8	Red Bed (Brk. w/lime 87-89)	91	22	Shale	489
4	Shale	95		(Slate 468-469)	
5	Lime	100	11	Sdy. Shale	500
13	Shale	113	2	Brown Sand (No oil)	502
28	Gray Sand (Hard 128-130)	141	1	Hard Gray Sand	503
12	Shale	153	11	Sdy. Shale	514
1	Lime	154	1	Lt. Brown Sand (Oil trace)	515
12	Shale	162	4.5	Sandy Shale	519.5
29	Lime 30'	191	1	Lt. Brown Sand	520.5
10	Shale (Slate 195-196)	201	12.5	Sandy Shale	533
18	Lime 20'	219	34.5	Shale	567.5
4	Shale (Slate 222-223)	223	3	Sand (Bleeding Oil)	570.5
2	Lime	225	9.5	Shale	580
2	Shale	227	3	Sand (Bleeding Oil)	583
8	Lime "HERTHA"	235	9	Sdy. Shale	592
109	Shale (Brk. 238-241)	344	20	Shale	622
6	Gray Sand	350	1	Lime	623
65	Shale (Slate 373-374)	415	14	Shale	637T.D.
6	Lime	421	6/18/99-7/7/99		
2	Shale	423	Drilled 637' of hole (6 1/4")		
5	Lime	428	6/18/99		
5	Shale (Slate 429-430)	433	Set 21.10' of 8 5/8" surface pipe.		
			7/6/99		
			Cored Squirrel Zone--5 cores.		
			7/7/99		
			Set 629.15' of 4 1/2" pipe		

Float shot
on bottom



CONSOLIDATED
INDUSTRIAL
SERVICES

Page 1

03/30/00

00157133

INVOICE DATE

INVOICE NO.

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APR 17 2000
MO Oil & Gas Council

2055
O.E. EXPLORATION
P.O. BOX 128
MILLSVILLE KS 66202
T O D

REMIT TO: CONSOLIDATED IND. SERVICES
P.O. BOX 26147
SHAWNEE MISSION, KS 66225

TERMS: Net 30 Days
A Finance Charge computed at 1% per month (annual percentage rate of 12%) will be added to balances over 30 days.

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.	EXTENDED PRICE
2055	0243	10	BELTON UNIT #4, #2, #3	03/28/2000	13542	

ITEM NUMBER	DESCRIPTION	UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
5102	MINIMUM PUMP CHARGE	3.0000	1174.5000	EA	3523.50
5610	ACID DELIVERY	5.0000	110.0000	HR	550.00
5302	MINIMUM ACID SPOTTING CHARGE	1.0000	225.0000	EA	225.00
5302	MINIMUM ACID SPOTTING CHARGE	2.0000	200.0000	EA	400.00
3107	15% HCL	550.0000	.7500	GA	412.50
1215	KCL SOL	22.0000	24.0000	GA	528.00
4139	7/8" RUBBER BALL SEALERS (SP 1.3)	204.0000	1.5500	EA	316.20
1231	FRAC GEL	200.0000	3.4500	LB	690.00
5501	WATER TRANSPORT	12.0000	65.0000	HR	780.00
2101	20/40 FRAC SAND	15.0000	8.0000	SK	120.00
2102	12/20 MESH	120.0000	11.0000	SK	1320.00
5109	BULK SAND DELIVERY	1.0000	125.0000	EA	125.00

GROSS INVOICE

TAX

21.54

9010.60

ORIGINAL INVOICE

PLEASE PAY

9032.14

211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

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MO Oil & Gas Council

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-467-8676

TICKET NUMBER

125

LOCATION W. of Diller, Mo.

Q&A # 342 - S. 31E

FOREMAN J. J. Foster

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
3-2-00		Gelba Unit # R4					Cass	sg
CHARGE TO <u>D. E. Repler</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	4 1/2
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	630-40
SHOTS/FT	4/25A
OPEN HOLE	
TREATMENT VIA	casing

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Spot 50 gal 15% HCL - back down and stop acid - pump 1500 gal -
1500' sand - 1500' sand - 1500' sand - flush to ports - then extract - 1500' sand -

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Spotted 50 gal 15% HCL - back down and stopped acid - pumped 1500 gal -
1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand -
1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand - 1500' sand -

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	1000 psi
FINAL DISPLACEMENT	1000 psi
ANNULUS	psi
MAXIMUM	1000 psi
MINIMUM	750 psi
AVERAGE	psi
ISIP	150 psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	30
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED

TITLE

DATE